

Aeronautics Educator Guide			
2004 Mathematics			
State Curriculum			
Maryland Mathematics			
Grade 2			
Activity/Lesson	State	Standards	
Rotor Motor (69-75)	MD	MA.2.4.A.1.d	Organize and display data to make single bar graphs
Rotor Motor (69-75)	MD	MA.2.4.B.1.c	Interpret data contained in single bar graphs using a variety of categories and intervals of 1, 2, 5, and 10
Flight: Interdisciplinary Learning Activities (76-79)	MD	MA.2.6.A.1.j	Count forward by 2s, 5s, and 10s starting with numbers other than one
Paper Bag Mask (23-28)	MD	MA.2.3.A.1.a	Read the scale on a ruler to identify length, in inches
Paper Bag Mask (23-28)	MD	MA.2.3.B.1.a	Measure length of objects and pictures of objects using a ruler or tape measure to the nearest inch, centimeter, and foot
Paper Bag Mask (23-28)	MD	MA.2.3.B.1.d	Select and use appropriate units of measure for length/height, weight, and capacity
Wind in Your Socks) (29-35)	MD	MA.2.3.A.1.a	Read the scale on a ruler to identify length, in inches
Wind in Your Socks) (29-35)	MD	MA.2.3.B.1.a	Measure length of objects and pictures of objects using a ruler or tape measure to the nearest inch, centimeter, and foot
Wind in Your Socks) (29-35)	MD	MA.2.3.B.1.d	Select and use appropriate units of measure for length/height, weight, and capacity
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Grade 3			
Activity/Lesson	State	Standards	
Rotor Motor (69-75)	MD	MA.3.4.A.1.d	Organize and display data to make single bar graphs using a variety of categories and intervals
Making Time Fly (80-86)	MD	MA.3.1.C.1.a	Represent whole numbers on a number line
Paper Bag Mask (23-28)	MD	MA.3.3.A.1.a	Estimate and determine length
Paper Bag Mask (23-28)	MD	MA.3.3.B.1.a	Measure length of objects and pictures of objects using a ruler, a tape measure, a yardstick, or a meter stick
Wind in Your Socks) (29-35)	MD	MA.3.3.A.1.a	Estimate and determine length
Wind in Your Socks) (29-35)	MD	MA.3.3.B.1.a	Measure length of objects and pictures of objects using a ruler, a tape measure, a yardstick, or a meter stick

Wind in Your Socks) (29-35)	MD	MA.3.3.C.2.a	Determine equivalent units of length
Wind in Your Socks) (29-35)	MD	MA.3.4.A.1.b	Organize and display data to make tables using a variety of categories and sets of data
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Grade 4			
Activity/Lesson	State	Standards	
Flight: Interdisciplinary Learning Activities (76- 79)	MD	MA.4.3.C.1.c	Determine start time, elapsed time and end time
Plan to Fly There (97- 106)	MD	MA.4.3.C.1.c	Determine start time, elapsed time and end time
We Can Fly, You and I: Interdisciplinary Learning (107-108)	MD	MA.4.3.C.1.c	Determine start time, elapsed time and end time
Paper Bag Mask (23- 28)	MD	MA.4.3.A.1.a	Estimate and determine length and height
Paper Bag Mask (23- 28)	MD	MA.4.3.B.1.a	Select and use appropriate tools and units
Wind in Your Socks) (29-35)	MD	MA.4.3.A.1.a	Estimate and determine length and height
Wind in Your Socks) (29-35)	MD	MA.4.3.B.1.a	Select and use appropriate tools and units
Wind in Your Socks) (29-35)	MD	MA.4.3.C.2.a	Determine equivalent units of length